

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,076,139 B1  
APPLICATION NO. : 09/635109  
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INVENTOR(S) : Kazuhiko Aikawa et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1 Column 14, line 34 please change "is at most 0.30%" to --is 0.30% or less--;  
Claim 5 Column 14 lines 42-43 please change "is at most 10 dB/km" to --is 10 dB/km or less--;  
Claim 6 Column 14 lines 45-46 please change "is at most 1 dB/km" to --is 1 dB/km or less--;  
Claim 7 Column 14 line 49-50 please change "is at most 0.3 dB/km" to --is 0.3 dB/km or less--;  
Claim 8 Column 14 line 52 please change "is at most 0.26%" to --is 0.26% or less--;  
Claim 10 Column 14 line 61 please change "at least  $25 \mu\text{m}^2$ " to -- $25 \mu\text{m}^2$  or more--.  
Claim 12 Column 15 line 18 please change " $4.0 \leq r_3/r_{1b} \leq 5.0$ " to -- $4.0 \leq r_3/r_1 \leq 5.0$ --;  
Claim 12 Column 15 lines 22-23 please change "is at most 0.35%" to --is 0.35% or less--;  
Claim 13 Column 15 line 35 please change "of at least  $120 \mu\text{m}$ " to --of  $120 \mu\text{m}^2$  or more--.  
Claim 13 Column 16 line 25 please change "of at least  $20 \mu\text{m}^2$ " to --of  $20 \mu\text{m}^2$  or more--;  
Claim 13 Column 16 lines 25-26 please change "is at most 40 dB/m" to --is 40 dB/m or less--.

Signed and Sealed this

Fifth Day of December, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*